

Zepoxy LPES (Laminate Production Epoxy System) is a purpose-built system for manufacturing of Laminates through hand lay-up method; the low viscosity, long pot life and high adhesion of this system ensures excellent impregnation in carbon fiber and/or glass fiber. It is a moderate setting high strength material which can be heat cured to achieve optimum mechanical properties in a short amount of time. This material is suitable for manufacturing of all composites where high impact on the cured surface or the modified surface is expected.

TECHNICAL DATA

Property	Test Method	Result	
		Part A	Part B
Appearance	Visual	Low viscosity, clear to light yellow liquid	Low viscosity, yellow to orange liquid
*Viscosity	ASTM D 2196	1500 - 3000 cPs	200 - 500 cPs
Mix ratio (Part A: Part B)	Theoretical	100:30	
*Pot life @ 30°C (300g mix)	-	50 minutes	
*Peak Exotherm	-	185°C	
*Flash Point	ASTM D 93	>121°C	

*Typical results under laboratory conditions.

PACKAGING

Zepoxy LPES Part A & Part B are available in the following packaging.

15 KG, 30 KG, and 200 KG

HEALTH AND SAFETY

Dispose containers of the materials as per local laws, rules, and regulations. Use gloves, safety masks and other safety apparel as per health and safety laws. For further assistance, please refer to the MSDS of the product for further health and safety information.